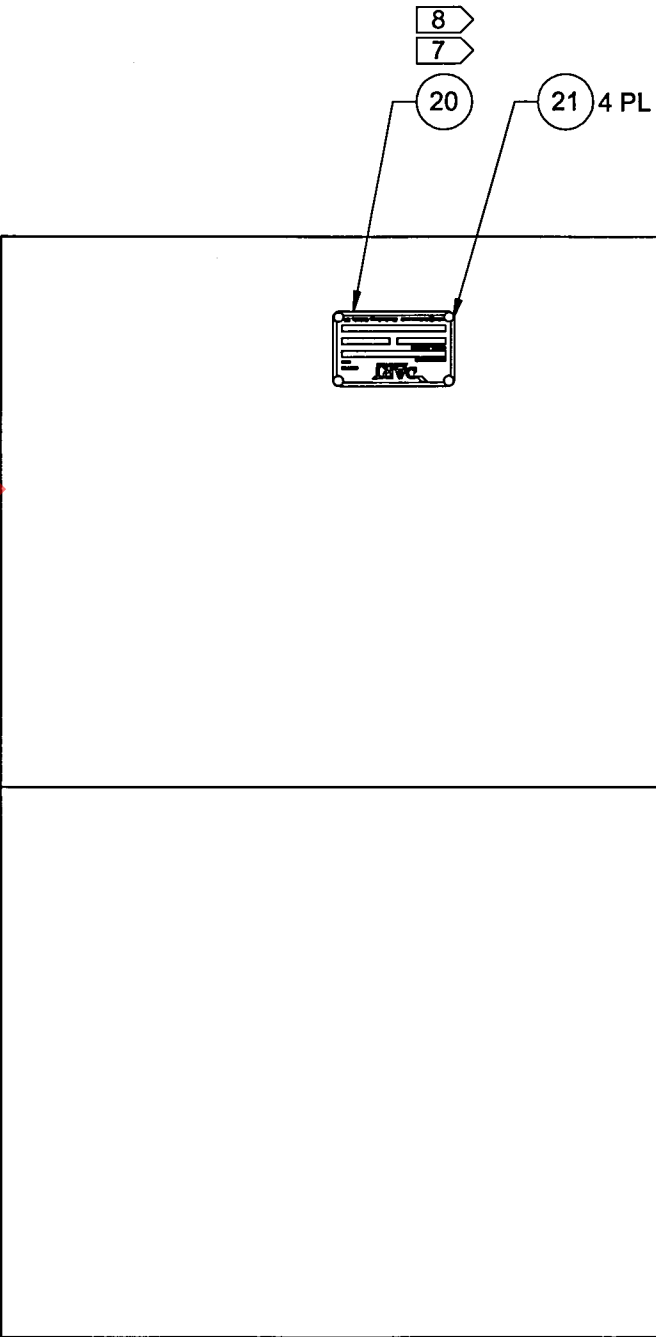
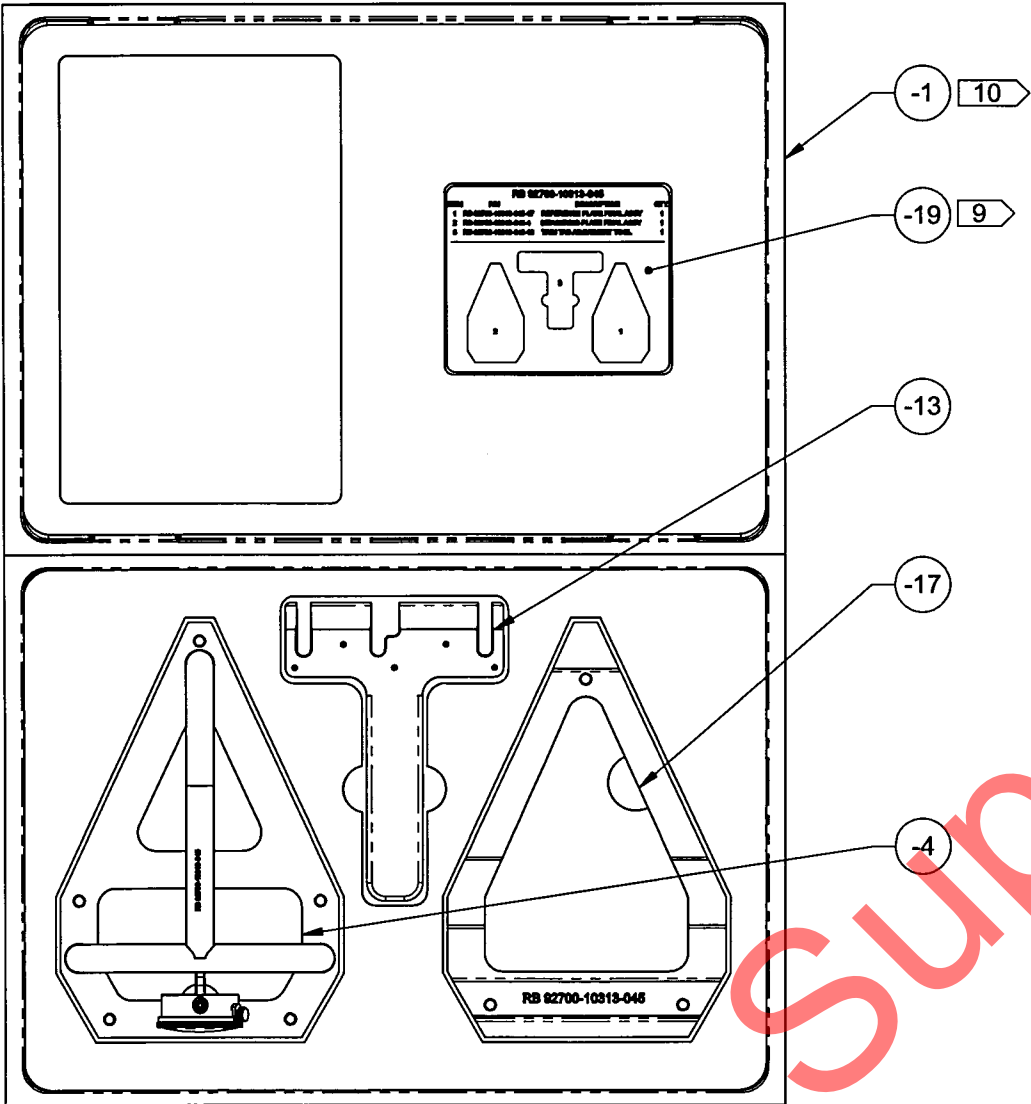


ITEM #	QTY.	PART #	PART TITLE
-1	1	RB 92700-10313-045-1	PACKAGING ASSY
-4	1	RB 92700-10313-045-4	MEASURING PLATE FINAL ASSY
-13	1	RB 92700-10313-045-13	TRIM TAB ADJUSMENT TOOL
-17	1	RB 92700-10313-045-17	REFERENCE PLATE FINAL ASSY
-19	1	RB 92700-10313-045-19	POSITION PLACARD
20	1	RB41011	DART PLACARD
21	4	McMaster#97524A032 OR EQUIV.	ALUMINUM SEALING BLIND RIVETS 1/8" DIA. x 0.425" LG.

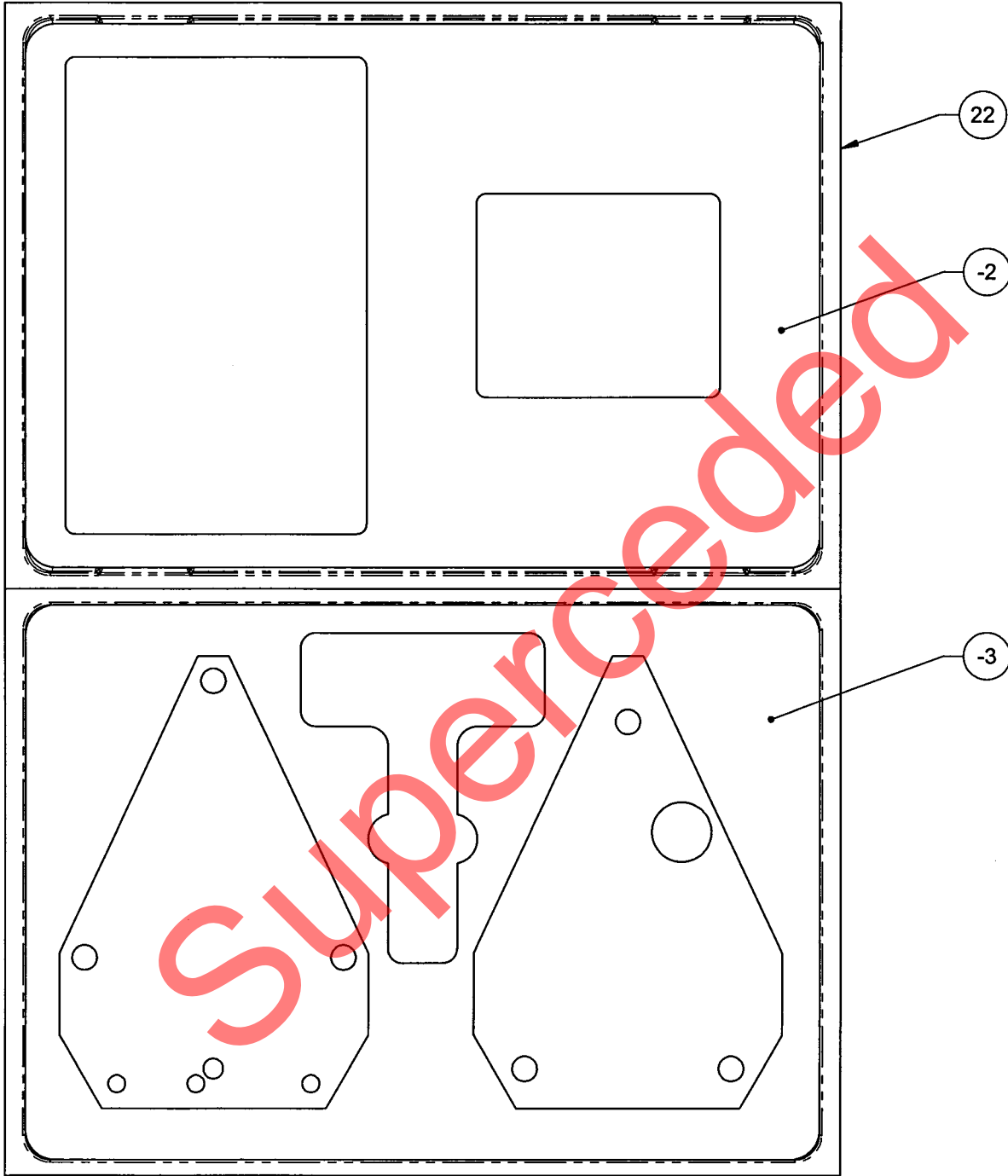


NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: ENGRAVE THE TOOL P/N & S/N ON THE DART PLACARD WHERE INDICATED
8) INSTALL THE DART PLACARD ONTO THE TOP OF THE CASE IN AVAILABLE AREA USING ALUMINIUM POP RIVETS
9) HOT GLUE THE PLASTIC PLACARD ONTO THE TOP FOAM
10) HOT GLUE THE TOP AND BOTTOM FOAM INTO THE CASE

RB 92700-10313-045 TRIM TAB TOOL

A	NEW ISSUE	18-604	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 1 OF 20
APPROVED	VP	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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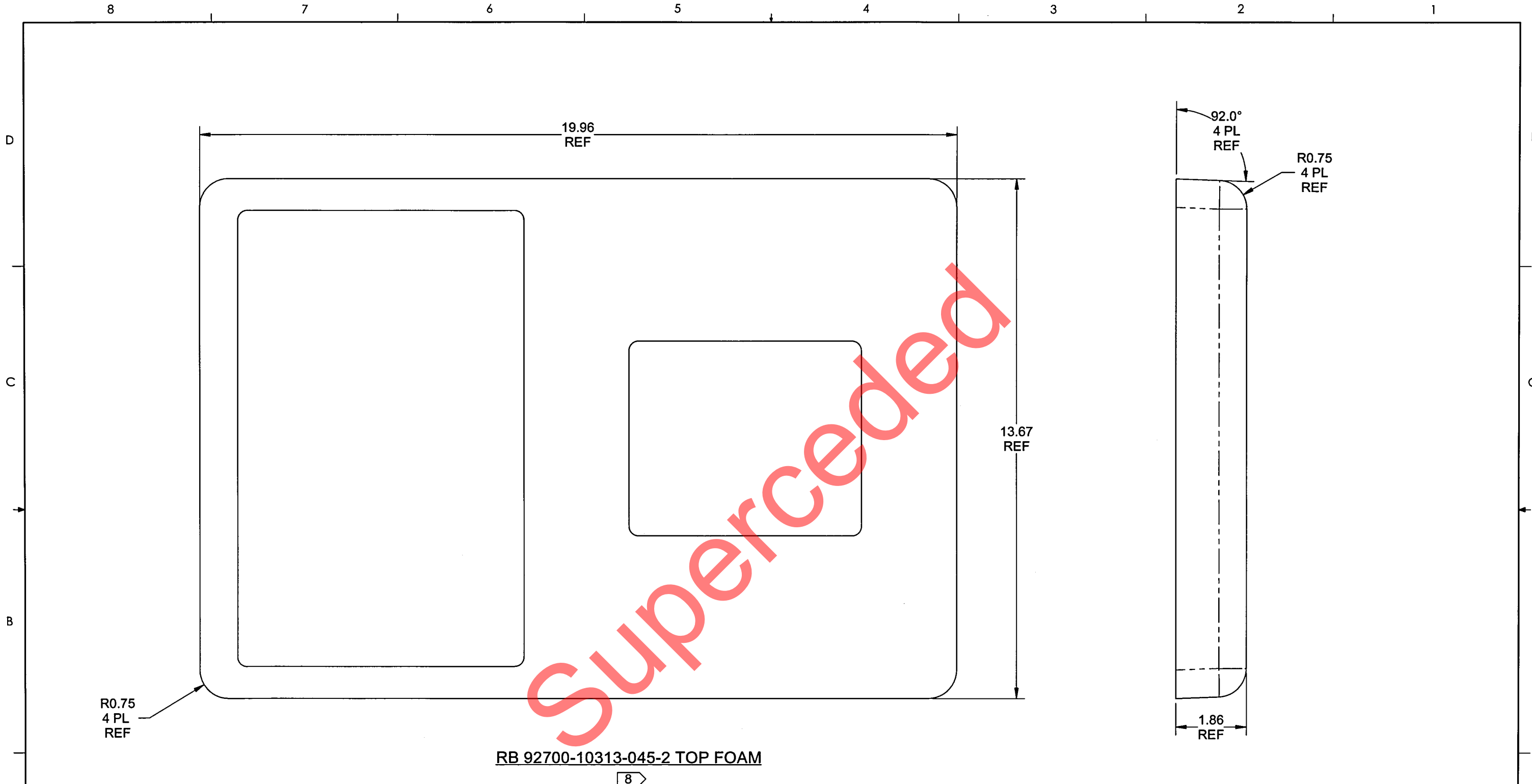
ITEM #	QTY	PART #	PART TITLE
-2	1	RB 92700-10313-045-2	TOP FOAM
-3	1	RB 92700-10313-045-3	BOTTOM FOAM
22	1	PELICAN #APP-IM2600-E	PELICAN CASE 2600



RB 92700-10313-045-1 PACKAGING ASSY

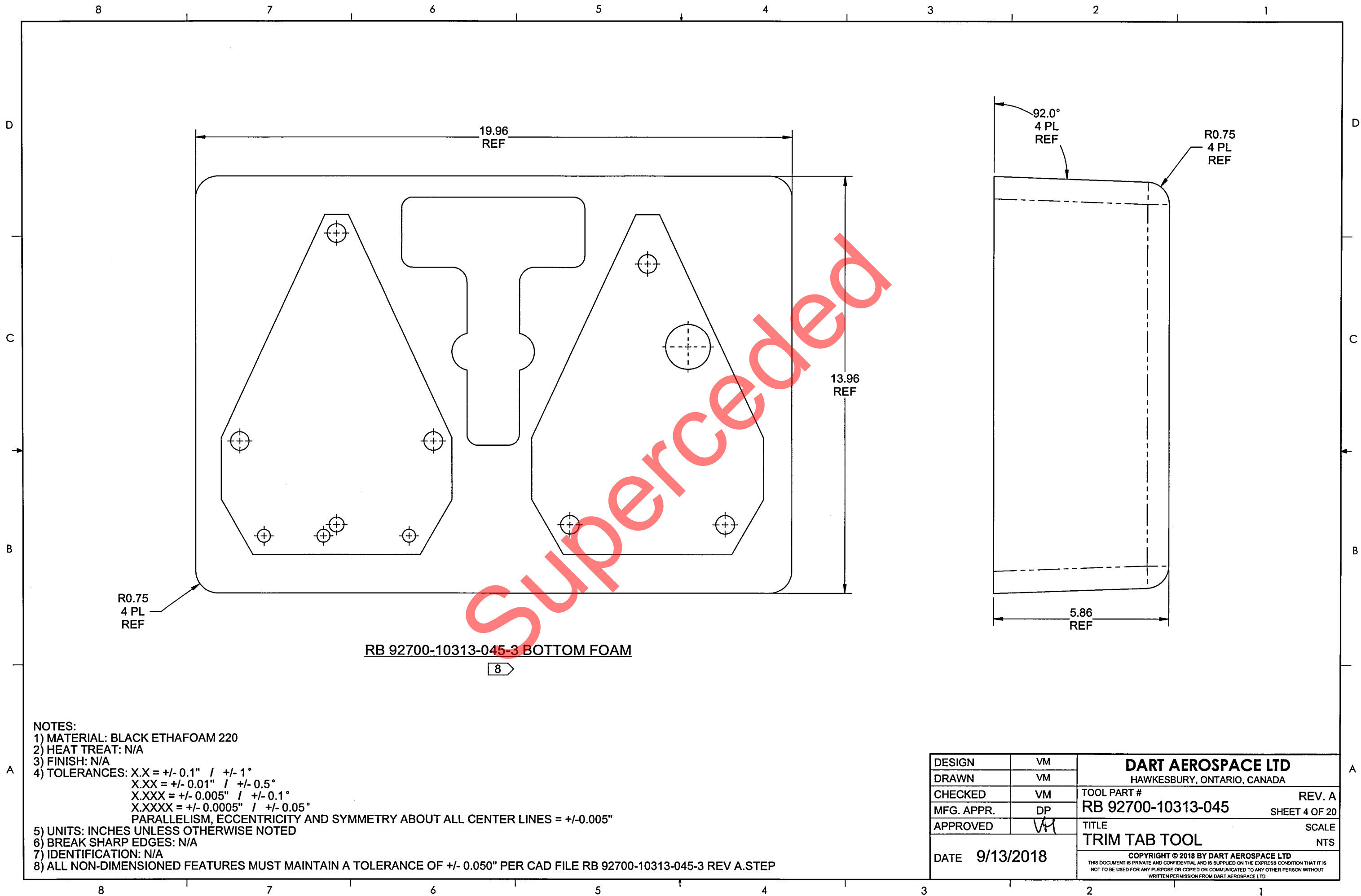
NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 2 OF 20
APPROVED	VM	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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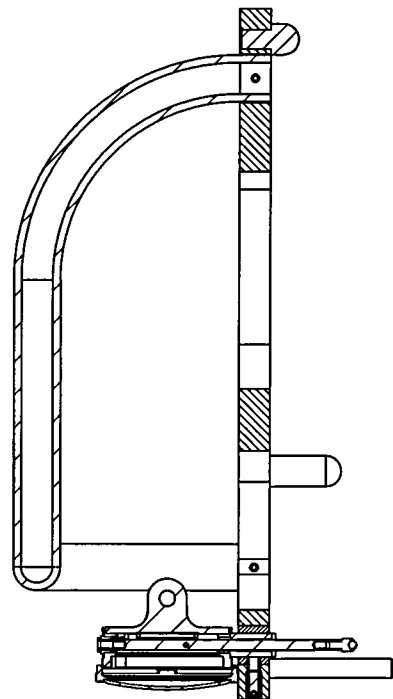
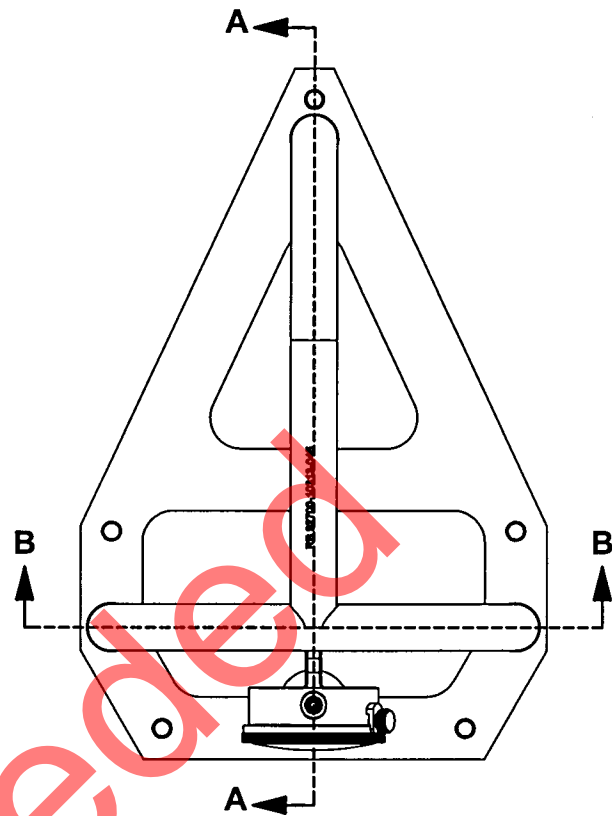
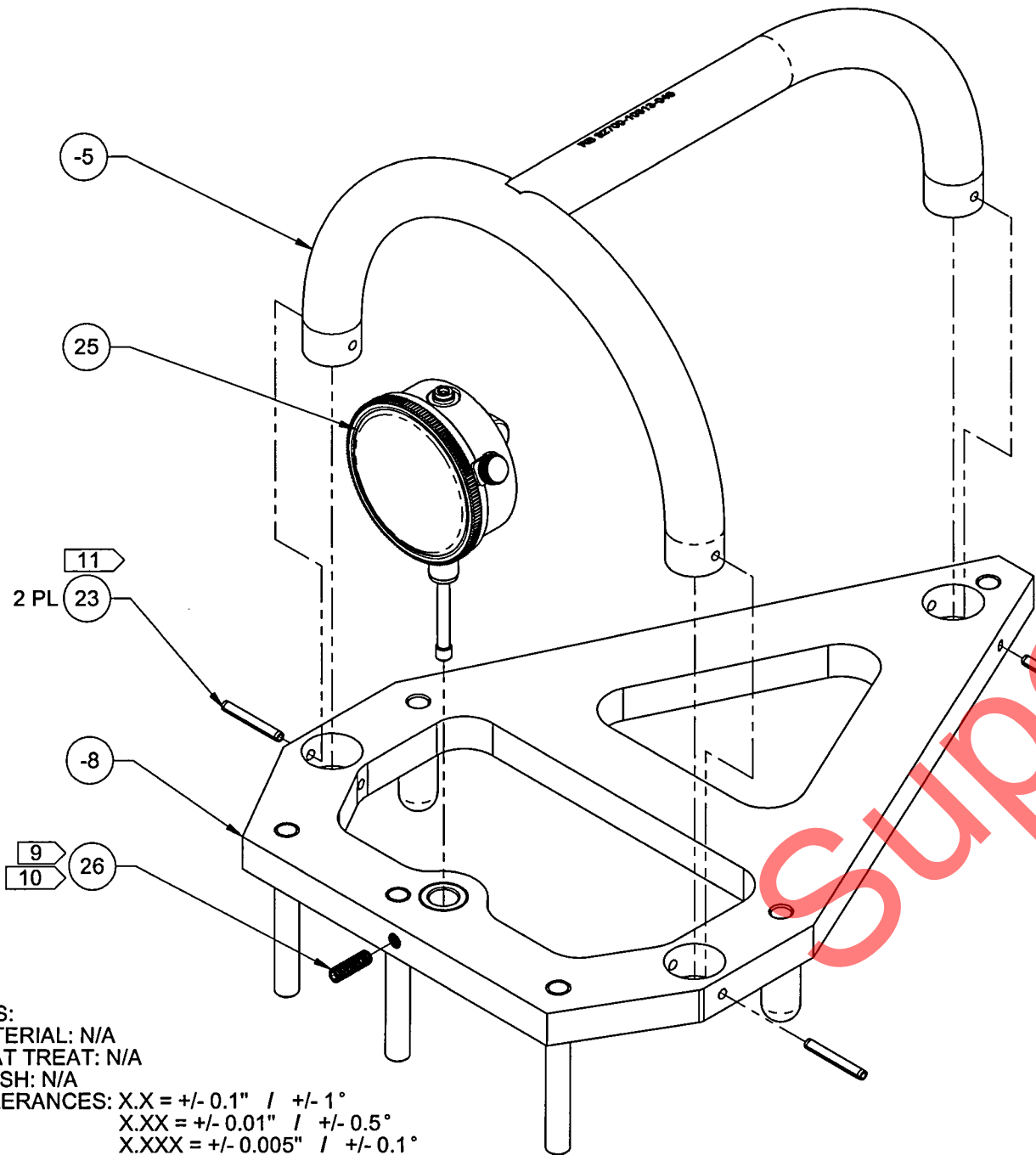


NOTES:
1) MATERIAL: BLACK ETHAFOAM 220
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RB 92700-10313-045-2 REV A.STEP

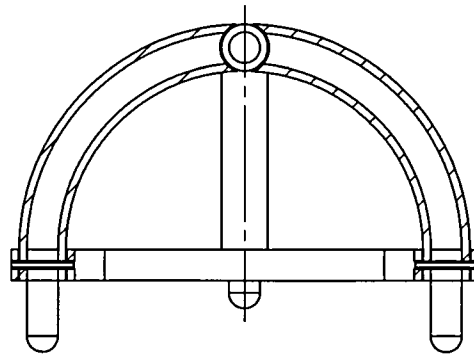
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 3 OF 20
APPROVED	W	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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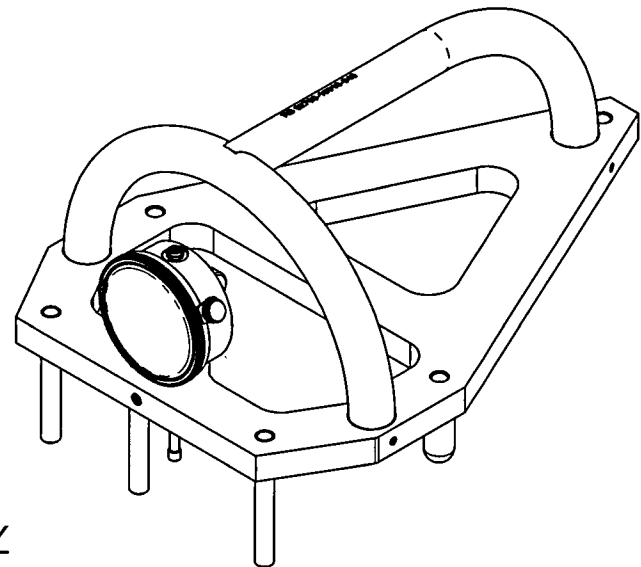
ITEM #	QTY	PART #	PART TITLE
-5	1	RB 92700-10313-045-5	HANDLE
-8	1	RB 92700-10313-045-8	MEASURING PLATE ASSY
23	2	McMaster#92383A700 OR EQUIV	SPRING PIN SS 1/8" DIA. x 1" LG.
24	1	McMaster#92383A010 OR EQUIV	SPRING PIN SS 1/8" DIA. x 1-5/8" LG.
25	1	McMaster#20715A69 OR EQUIV	DIAL INDICATOR PLUNGER STYLE 0" TO 1"
26	1	McMaster#94355A229 OR EQUIV	FLAT TIP SET SCREW SS #10-32 x 5/8" LG.



SECTION A-A



SECTION B-B

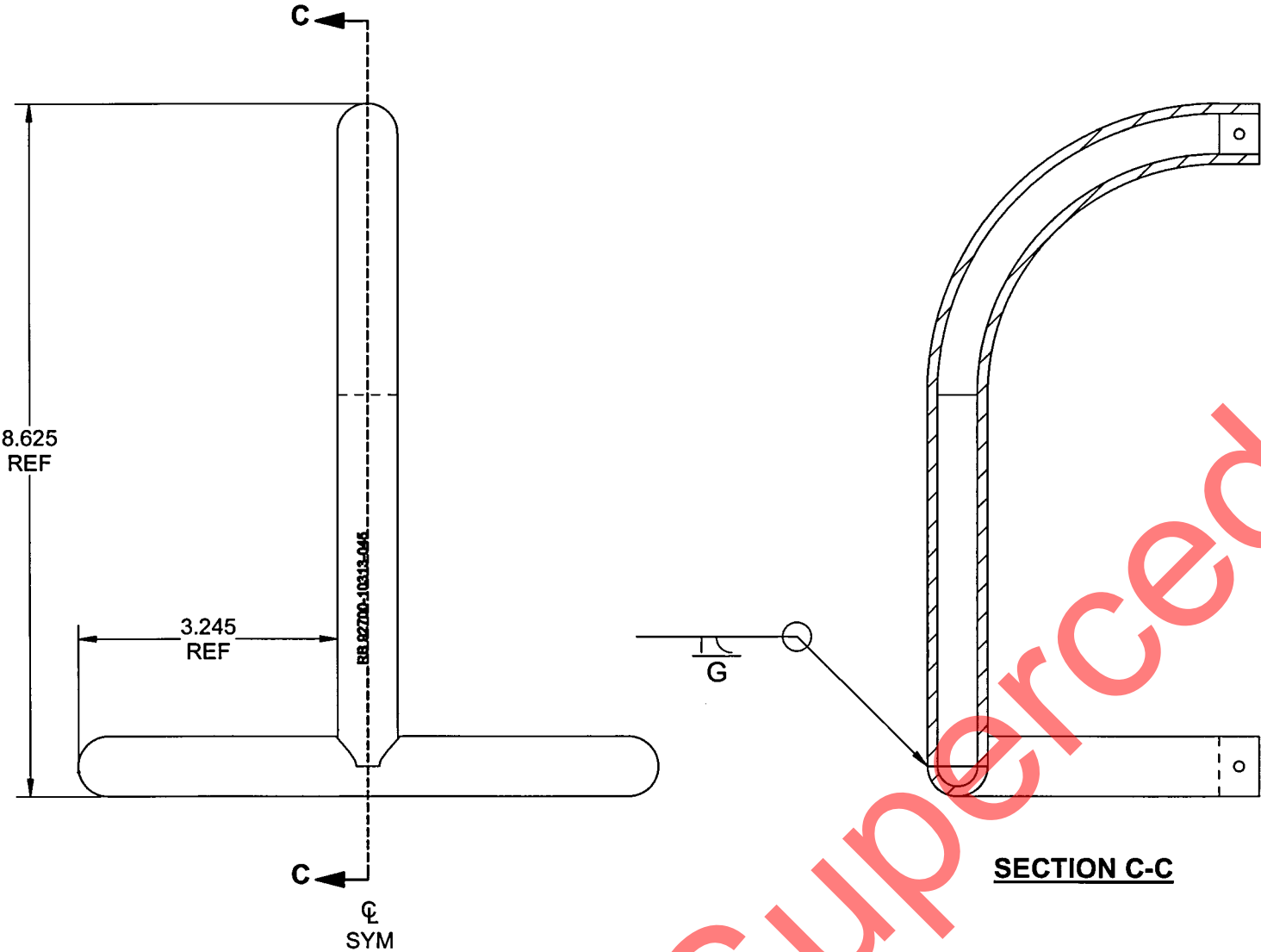


RB 92700-10313-045-4 MEASURING PLATE FINAL ASSY

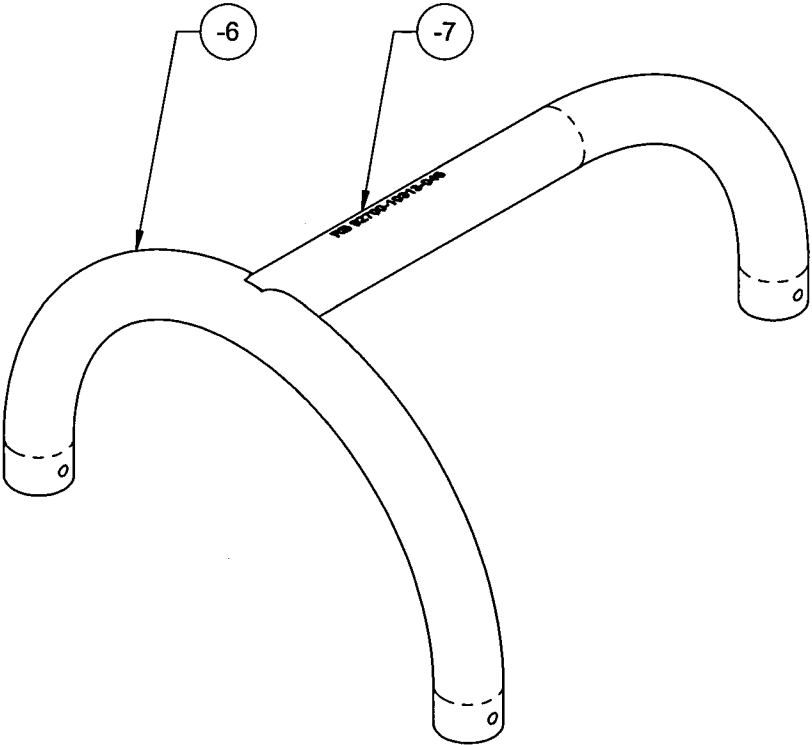
- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: N/A
 - 7) IDENTIFICATION: N/A
 - 8) ASSEMBLE AS SHOWN
 - 9) APPLY LOCTITE NICKEL BASED ANTI SEIZE ON THREADS OF ITEM 26 THEN ASSEMBLE WITH ITEM -8
 - 10) INSTALL ITEM 26 HAND TIGHT
 - 11) PRESS FIT ITEMS 23 AND ITEM 24 WITH ITEM -5
 - 12) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 5 OF 20
APPROVED	VM	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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ITEM #	QTY	PART #	PART TITLE
-6	1	RB 92700-10313-045-6	HANDLE TUBING 1
-7	1	RB 92700-10313-045-7	HANDLE TUBING 2

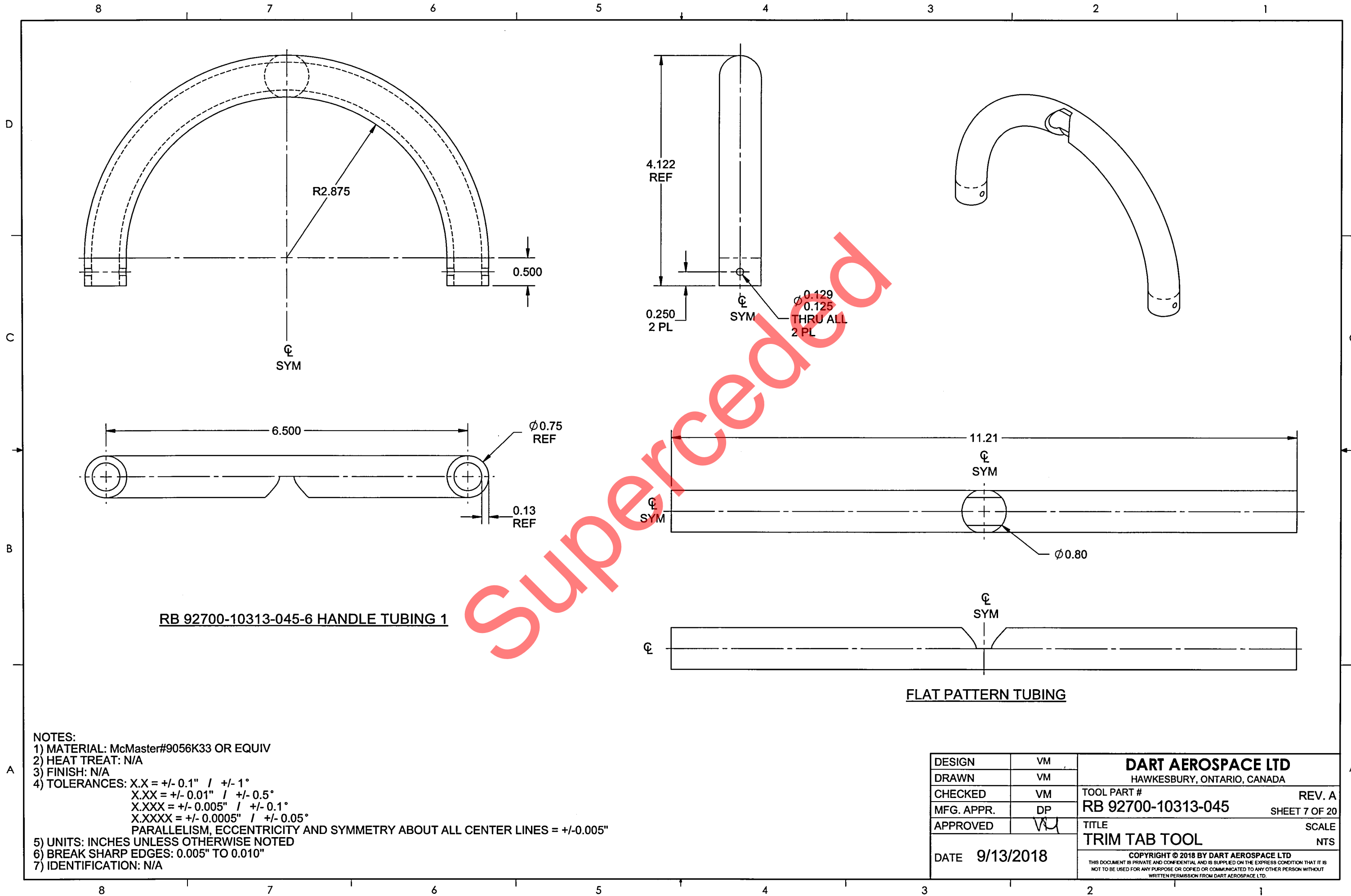


RB 92700-10313-045-5 HANDLE



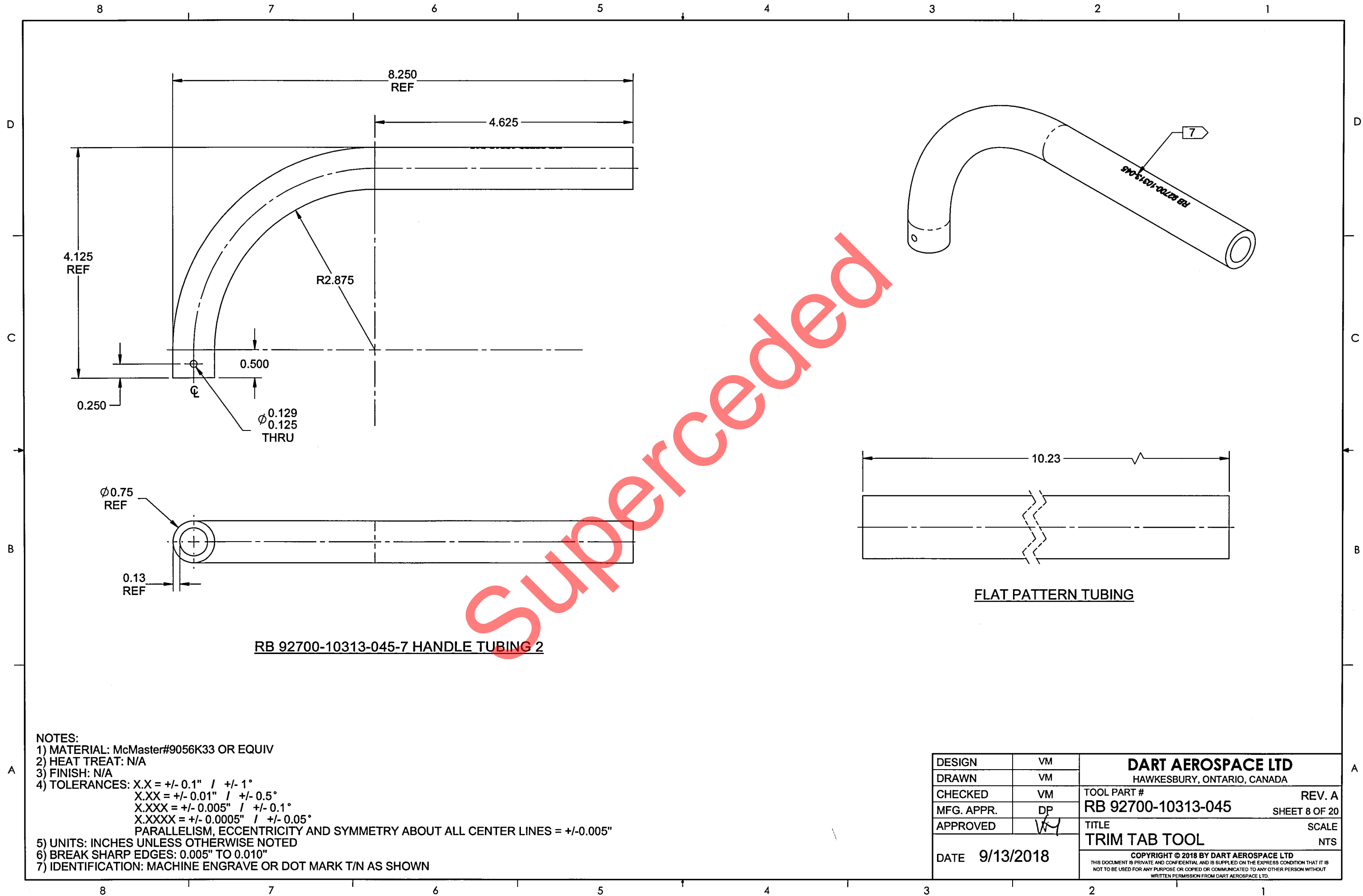
- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: N/A
 - 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 6 OF 20
APPROVED	VP	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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NOTES:
1) MATERIAL: McMaster#9056K33 OR EQUIV
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 7 OF 20
APPROVED	WJ	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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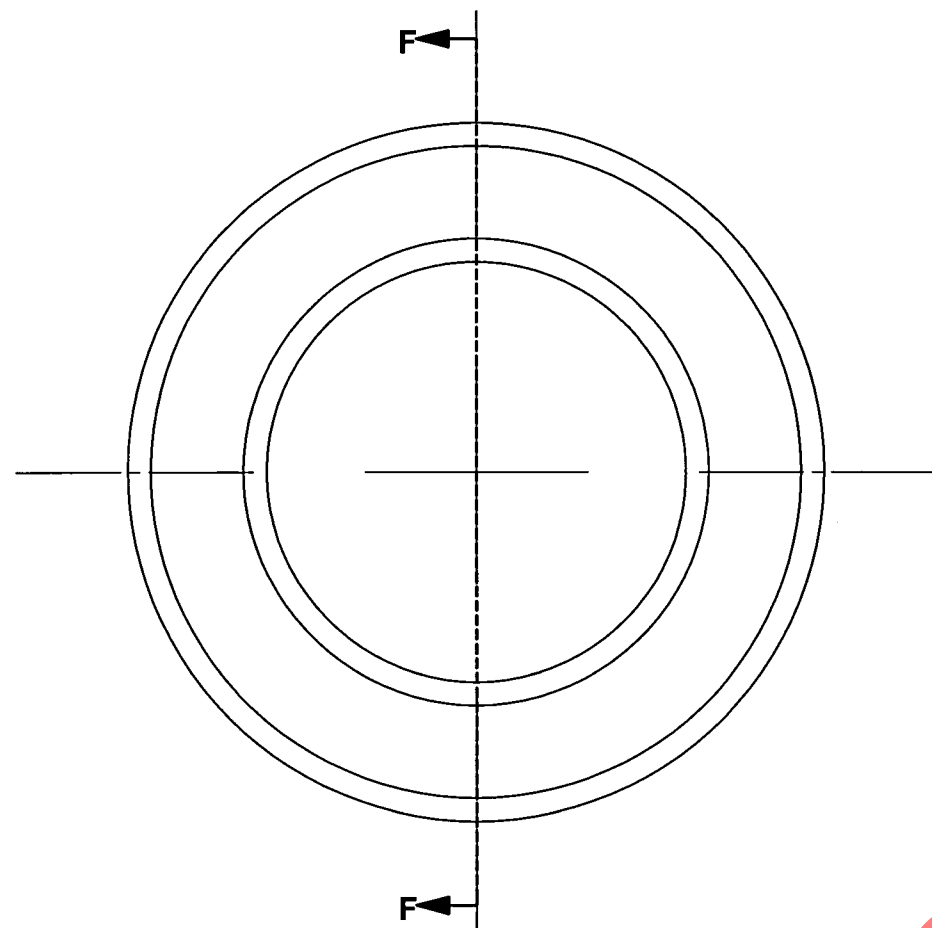
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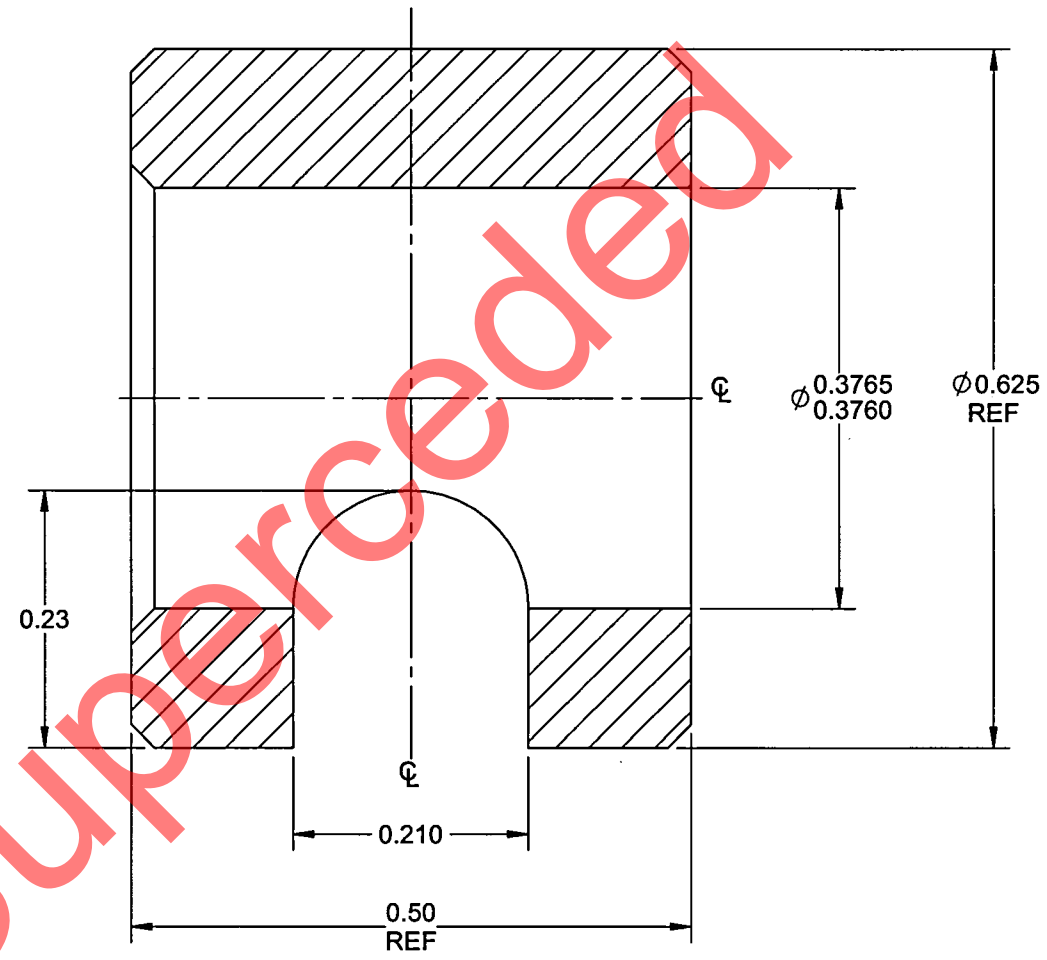
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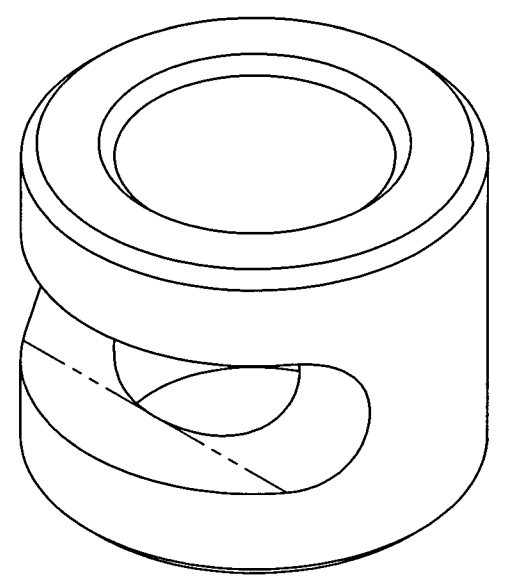
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RB 92700-10313-045-10 DRILL BUSHING MODIFIED



SECTION F-F



D

C

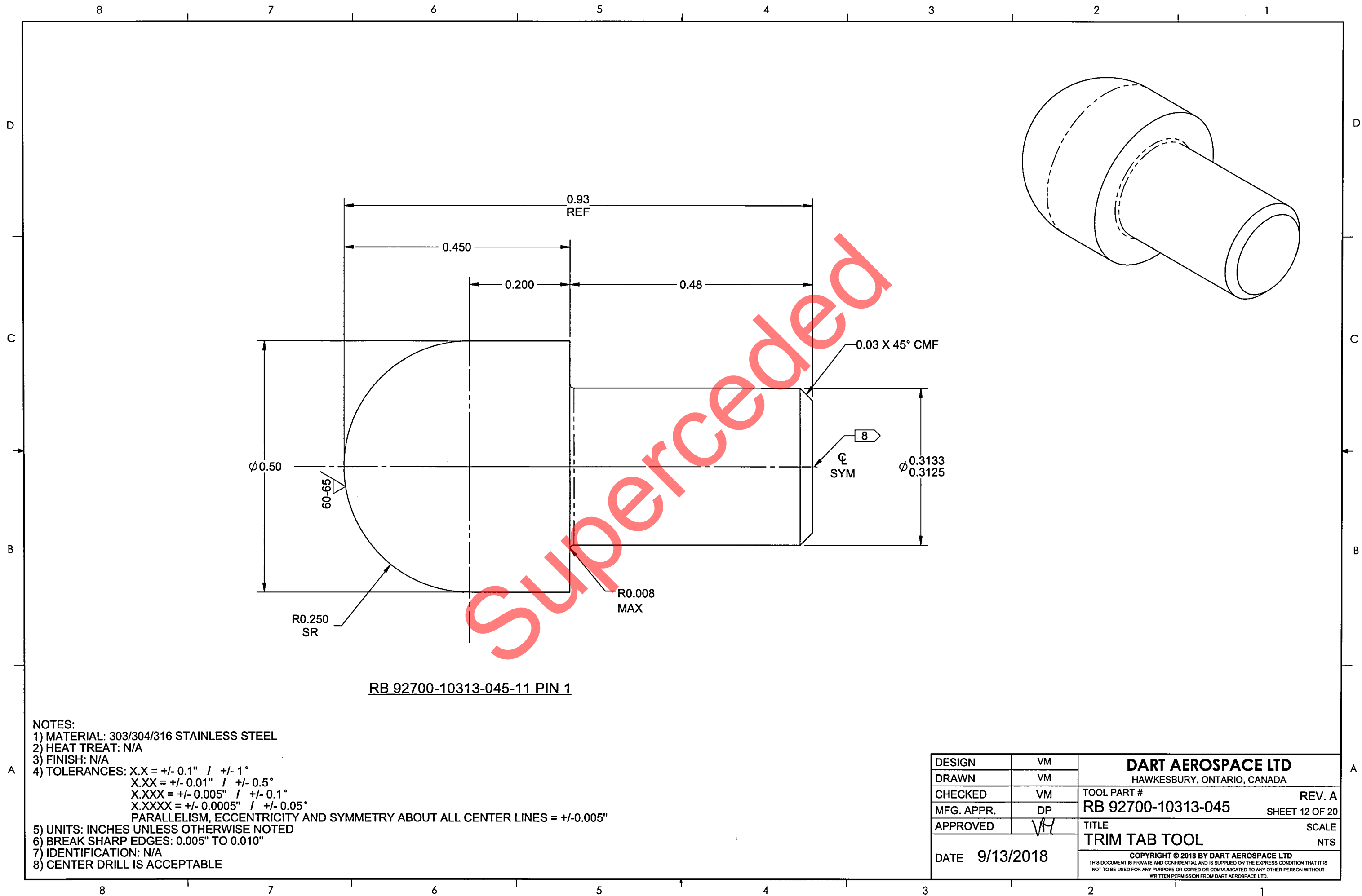
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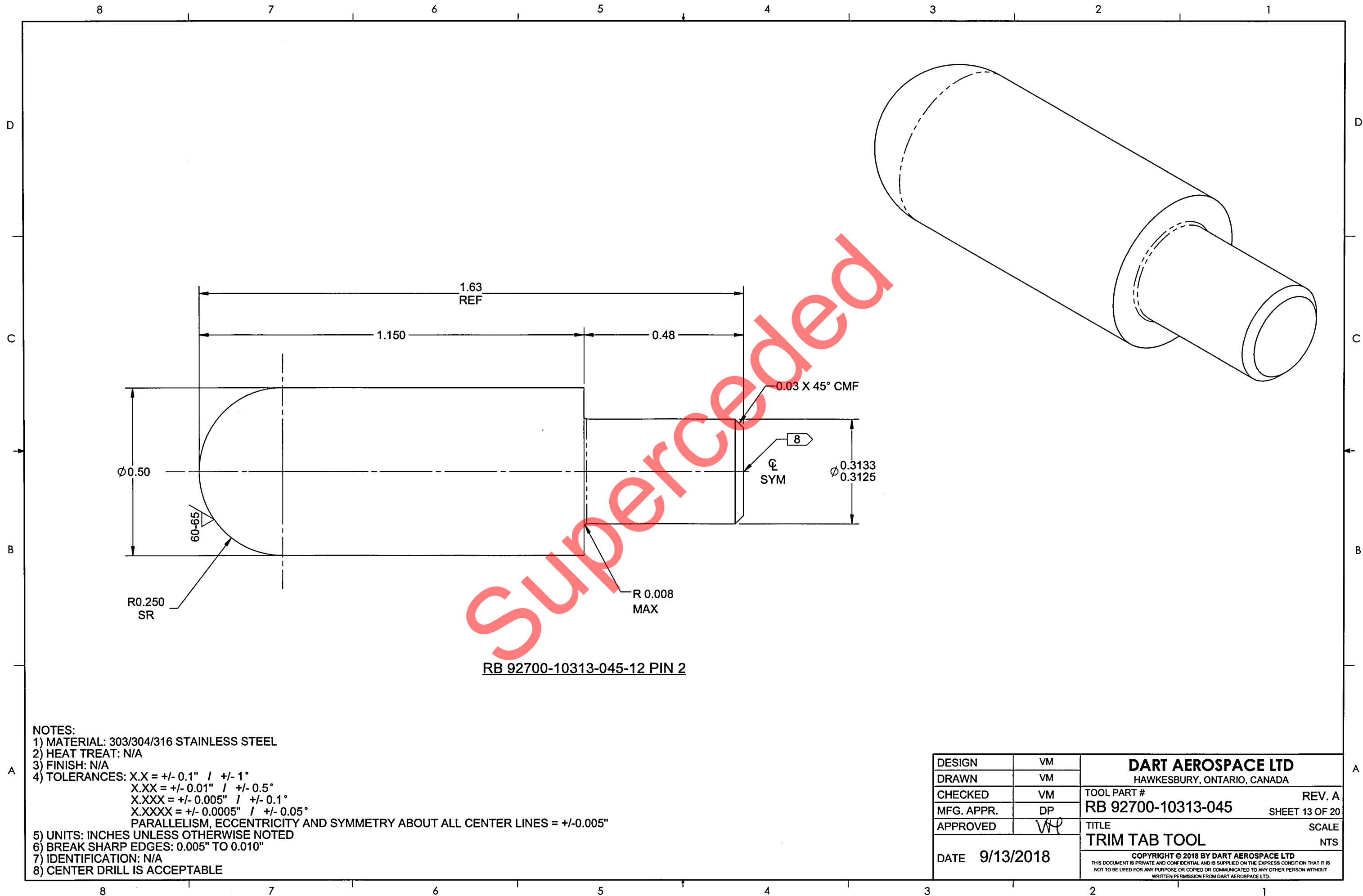
A

- NOTES:
- 1) MATERIAL: McMaster#8504A147 OR EQUIV
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005" TO 0.010"
 - 7) IDENTIFICATION: N/A

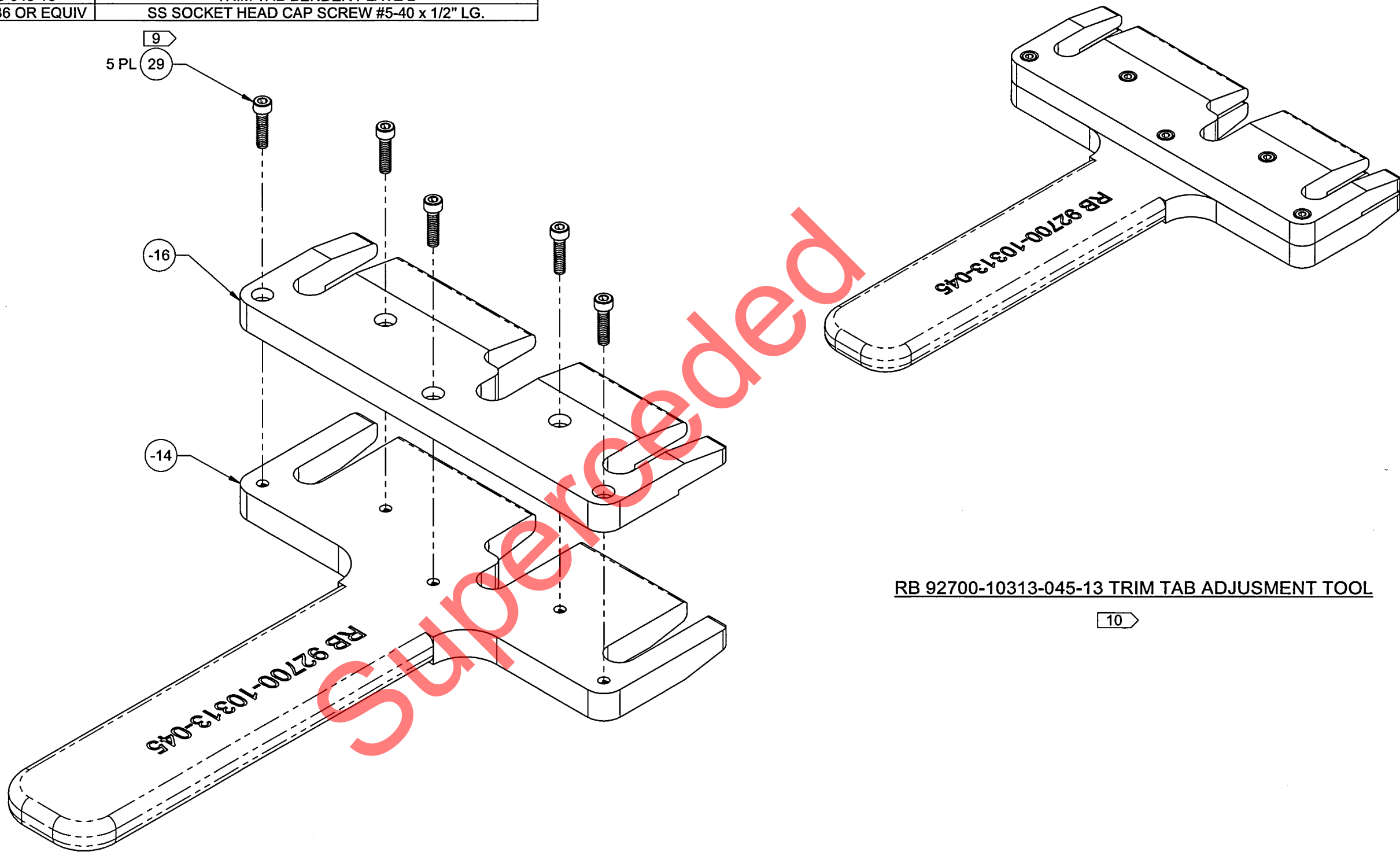
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 11 OF 20
APPROVED	VH	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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8 7 6 5 4 3 2 1





ITEM #	QTY	PART #	PART TITLE
-14	1	RB 92700-10313-045-14	TRIM TAB BENDER 1 ASSY
-16	1	RB 92700-10313-045-16	TRIM TAB BENDER PLATE 2
29	5	McMaster#92185A136 OR EQUIV	SS SOCKET HEAD CAP SCREW #5-40 x 1/2" LG.



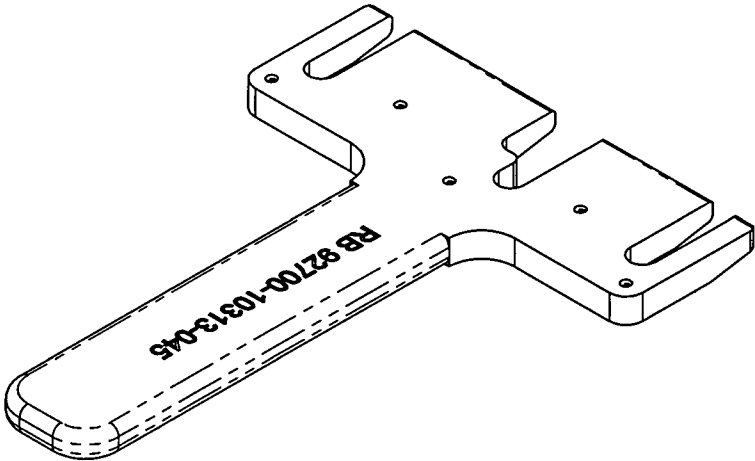
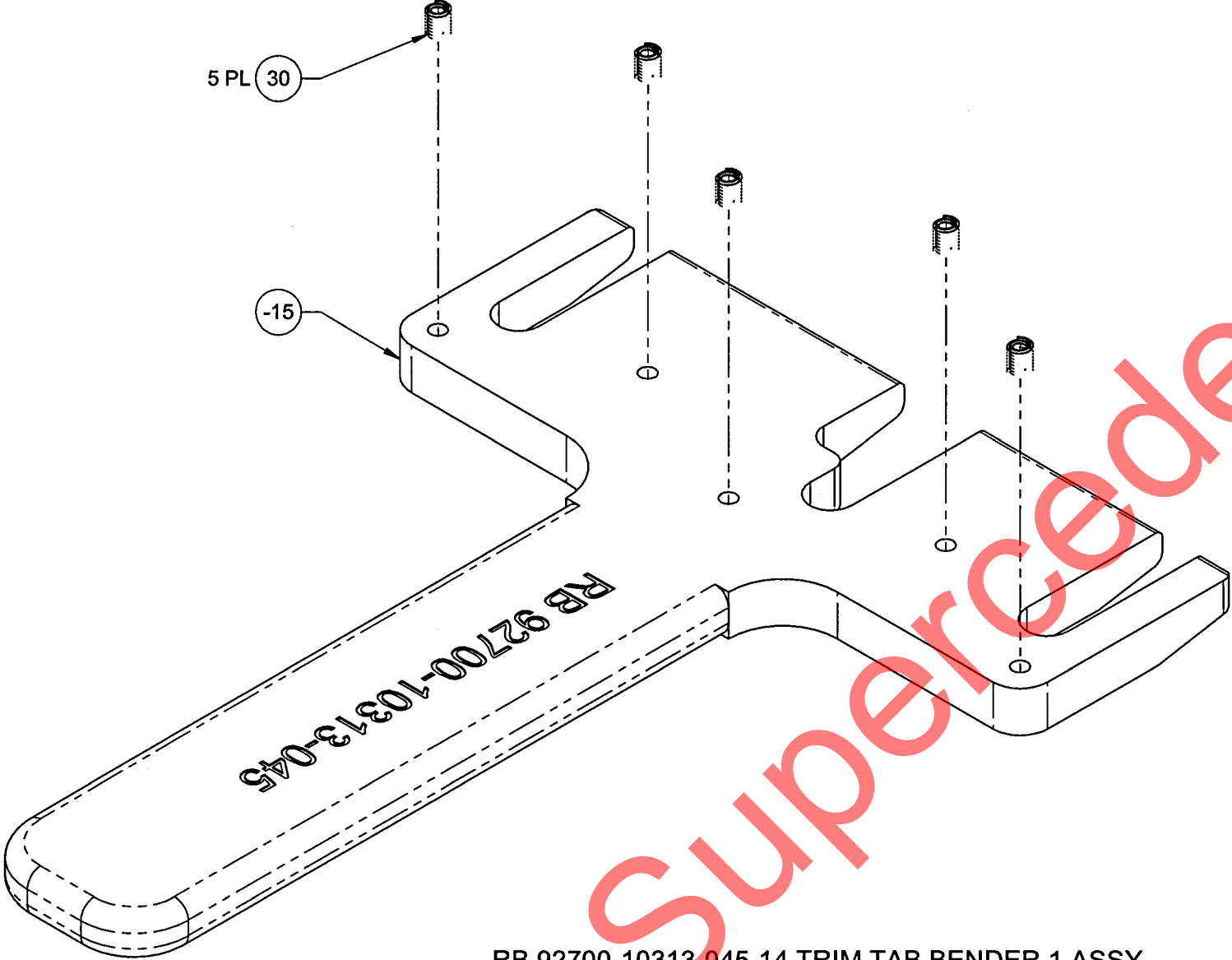
RB 92700-10313-045-13 TRIM TAB ADJUSMENT TOOL

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) APPLY LOCTITE NICKEL BASED ANTI SEIZE ON THREADS OF ITEM 29 THEN ASSEMBLE WITH ITEM 14 HAND TIGHT
- 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 14 OF 20
APPROVED	VM	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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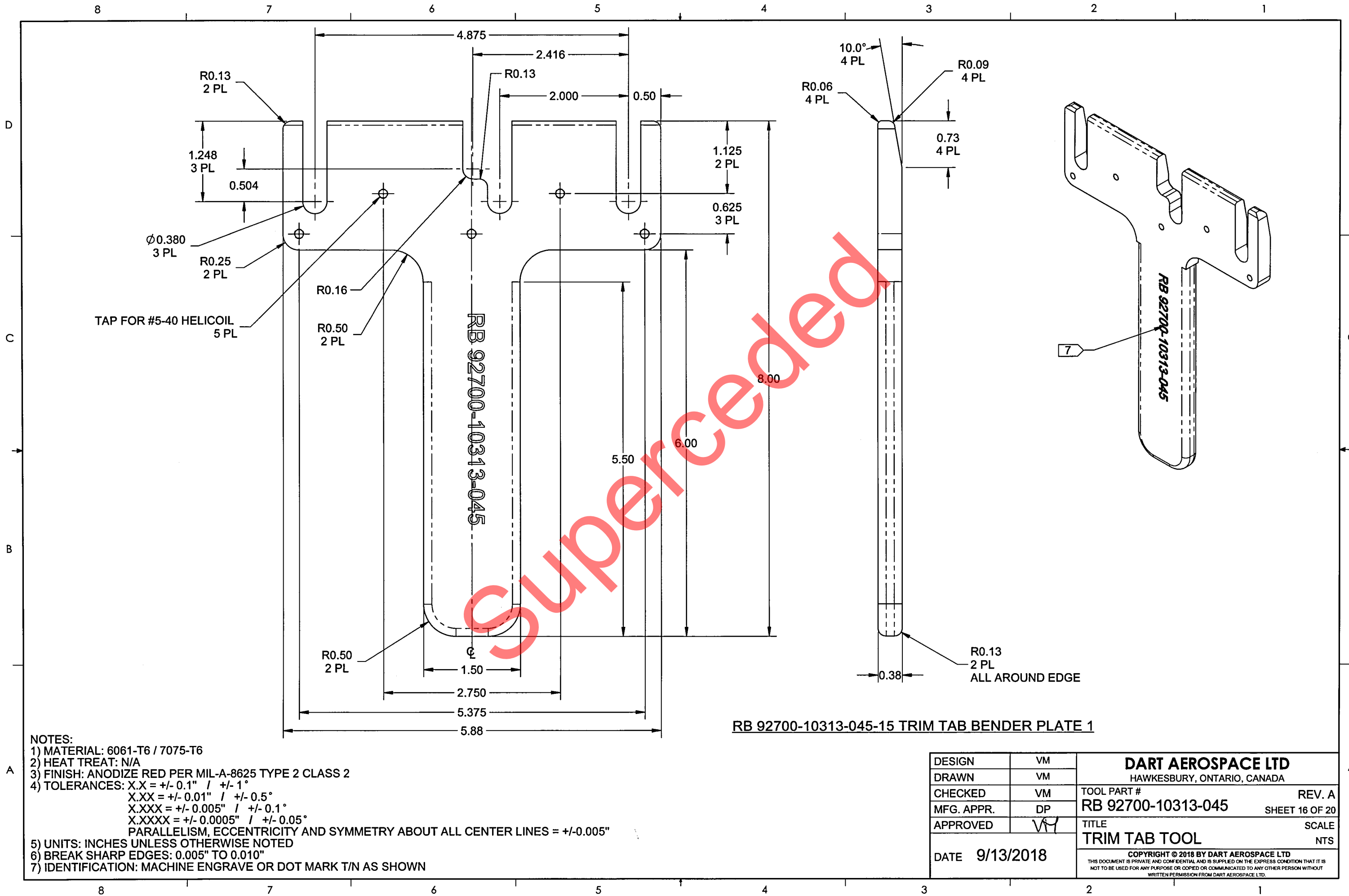
ITEM #	QTY	PART #	PART TITLE
-15	1	RB 92700-10313-045-15	TRIM TAB BENDER PLATE 1
30	5	McMaster#91732A704 OR EQUIV	SS HELICAL INSERT #5-40 x 1/4" LG.



RB 92700-10313-045-14 TRIM TAB BENDER 1 ASSY

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ASSEMBLE AS SHOWN

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 15 OF 20
APPROVED	VM	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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RB 92700-10313-045-15 TRIM TAB BENDER PLATE 1

NOTES:
1) MATERIAL: 6061-T6 / 7075-T6
2) HEAT TREAT: N/A
3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005" TO 0.010"
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 16 OF 20
APPROVED	VM	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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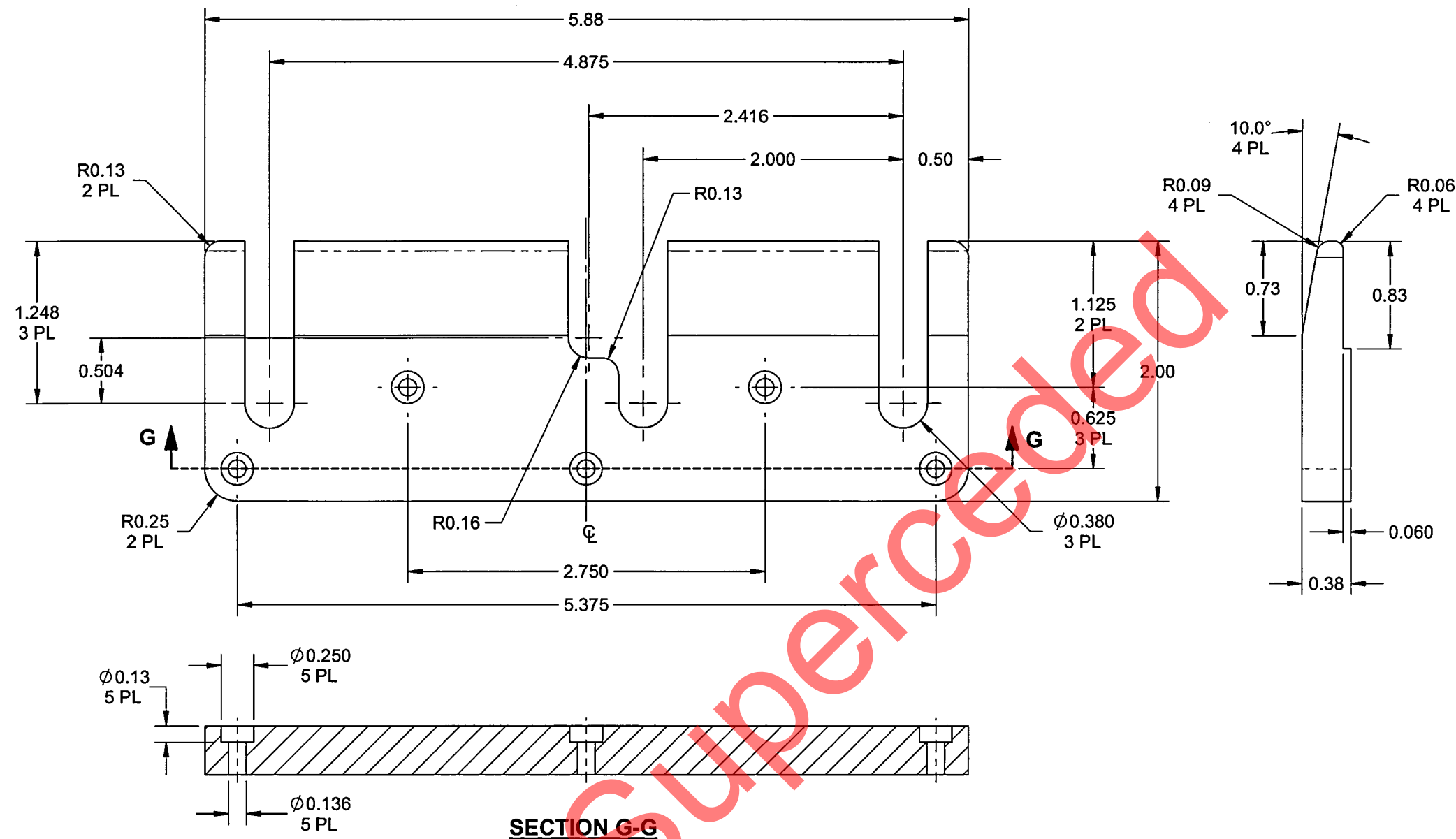
8 7 6 5 4 3 2 1

D

C

B

A



SECTION G-G

RB 92700-10313-045-16 TRIM TAB BENDER PLATE 2

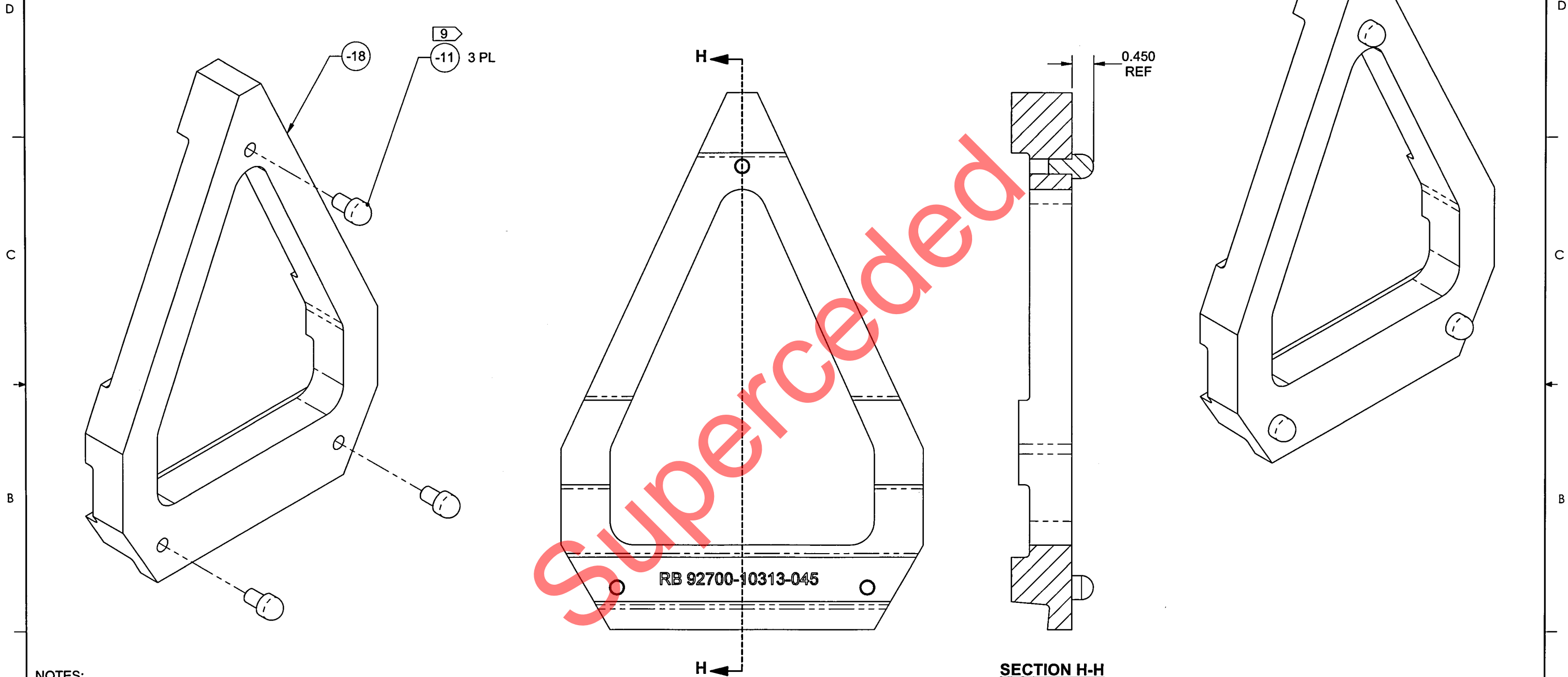
NOTES:

- 1) MATERIAL: 6061-T6 / 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 17 OF 20
APPROVED	VP	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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8 7 6 5 4 3 2 1

ITEM #	QTY	PART #	PART TITLE
-11	3	RB 92700-10313-045-11	PIN 1
-18	1	RB 92700-10313-045-18	REFERENCE PLATE



NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM -11 WITH ITEM -18 AND REMOVE EXCESS
- 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

RB 92700-10313-045-17 REFERENCE PLATE FINAL ASSY

SECTION H-H

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	VM	TOOL PART #	REV. A
MFG. APPR.	DP	RB 92700-10313-045	SHEET 18 OF 20
APPROVED	VM	TITLE	SCALE
DATE 9/13/2018		TRIM TAB TOOL	NTS
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